

# GS1DDB3

switch-disconnector fuse body GS1 - TeSys  
GS - 3 poles - BS - 32 A



## Main

Commercial Status	Commercialised
Range of product	TeSys GS
Device short name	GS1 DD
Fuse type	BS
Fuse size	A1
Product or component type	Fuse switch disconnector body
Poles description	3P
Network type	AC DC
Type of operating handle	Direct frontal External frontal External left side External right side
[I <sub>th</sub> ] conventional free air thermal current	32 A at 40 °C

## Complementary

Network frequency	50/60 Hz
Mounting support	Plate Rail
[U <sub>i</sub> ] rated insulation voltage	800 V AC 50/60 Hz
[U <sub>imp</sub> ] rated impulse withstand voltage	8 kV
Short-circuit withstand	80 kA
[I <sub>e</sub> ] rated operational current	32 A at 690 V AC-23B 32 A at 690 V AC-23A 32 A at 500 V AC-23B 32 A at 500 V AC-23A 32 A at 400 V AC-23B 32 A at 400 V AC-23A 20 A at 440 V 2 poles in series per phase DC-23B 20 A at 440 V 2 poles in series per phase DC-23A
Rated operational power in W	18.5 kW at 500 V AC-23B 18.5 kW at 500 V AC-23A 25 kW at 690 V AC-23B 25 kW at 690 V AC-23A 15 kW at 400 V AC-23B 15 kW at 400 V AC-23A
Making capacity	320 A at 400 V (AC-23B)
[I <sub>cm</sub> ] rated short-circuit making capacity	80 kA at 400 V with protection by BS fuses 32 kA rating of associated fuses
Breaking capacity	256 A at 400 V AC-23B
Mechanical durability	20000 cycles
Electrical durability	300 cycles on DC-23B 300 cycles on DC-23A 1500 cycles on AC-23B 1500 cycles on AC-23A
Connections - terminals	Power circuit: screw terminals cable 2.5...16 mm <sup>2</sup> - cable stiffness: flexible
Tightening torque	Control circuit: 3 N.m - on screw terminals
Height	98 mm
Width	96 mm
Depth	112 mm
Product weight	0.5 kg

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Environment

Standards	IEC 60269-1 IEC 60269-2 IEC 60947-3
Product certifications	ASEFA LOVAG LROS (Lloyds register of shipping)
Protective treatment	TH
IP degree of protection	IP20 with terminal cover conforming to IEC 60529
Ambient air temperature for operation	-20...70 °C
Fire resistance	960 °C body conforming to IEC 60695-2-1

## Contractual warranty

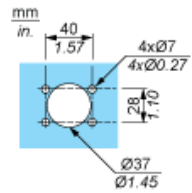
Period	18 months
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Door Cut-out - For External Front-mounted Operator

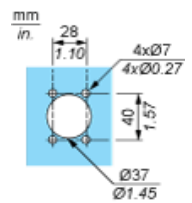
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Door Cut-out - For External RH Side-mounted Operator

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## 3-pole GS

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